

## Storm Data and Unusual Weather Phenomena - May 2009

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details    |
|---|--------------------|-------------------|---------------------|---------------------------|
| <b>ILLINOIS, Northwest</b>  |                    |                   |                     |                           |
| <b>HANCOCK COUNTY --- 1.5 NNW DURHAM [40.62, -91.09], 24.8 E LA HARPE [40.62, -90.50], 22.1 E PLYMOUTH [40.28, -90.50], 0.5 E DENVER [40.28, -91.09]</b>  |                    |                   |                     |                           |
|   | 05/01/09 08:30 CST |                   | 0.10M               | Flood (due to Heavy Rain) |
|   | 05/03/09 00:00 CST |                   | 0                   | Source: River/Stream Gage |
| Heavy rains during the last four days of April resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet on May 1 around 9:30 am. It crested around 22.8 feet around 2 am May 2. It fell back below the moderate flood stage level around 1 am May 3.        |                    |                   |                     |                           |
| <b>MCDONOUGH COUNTY --- 12.5 WNW BLANDINSVILLE [40.62, -91.09], 1.6 W PRAIRIE CITY ARPT [40.62, -90.50], 6.3 ESE INDUSTRY [40.28, -90.50], 11.1 WSW COLMAR [40.28, -91.09]</b>  |                    |                   |                     |                           |
|   | 05/01/09 08:30 CST |                   | 0.10M               | Flood (due to Heavy Rain) |
|   | 05/03/09 00:00 CST |                   | 0                   | Source: River/Stream Gage |
| Heavy rains during the last four days of April resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet on May 1 around 9:30 am. It crested around 22.8 feet around 2 am May 2. It fell back below the moderate flood stage level around 1 am May 3.        |                    |                   |                     |                           |
| <b>Heavy rains during the last four days of April resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet on May 1 around 9:30 am. It crested around 22.8 feet around 2 am May 2. It fell back below the moderate flood stage level around 1 am May 3.</b> |                    |                   |                     |                           |
| <b>HENRY COUNTY --- 11.7 WNW SUNNY HILL [41.48, -90.63], 12.4 N HOOPPOLE [41.75, -89.93], 4.2 N HOOPPOLE [41.63, -89.93], 0.7 N WARNER [41.43, -90.38], 10.6 WNW SUNNY HILL [41.43, -90.63]</b>   |                    |                   |                     |                           |
|   | 05/01/09 17:00 CST |                   | 0.17M               | Flood (due to Heavy Rain) |
|   | 05/04/09 17:00 CST |                   | 0                   | Source: River/Stream Gage |
| Heavy rains during the last week of April resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the first few days of May.  |                    |                   |                     |                           |
| The Rock River at Joslin surpassed its moderate flood stage level of 14 feet on May 1 around 6 pm. It crested around 14.5 feet around 12 am May 3. It fell back below its moderate flood stage level around 6 pm on May 4.  |                    |                   |                     |                           |
| The Rock River at Moline surpassed its moderate flood stage level of 13 feet on May 2 around 3 pm. It crested around 13.14 feet around 3 pm May 3. It fell back below its moderate flood stage level around 9 am on May 4.  |                    |                   |                     |                           |
| <b>ROCK ISLAND COUNTY --- 2.9 WSW ROCK IS [41.48, -90.63], 15.3 NE HILLSDALE [41.75, -89.93], 12.4 E HILLSDALE [41.63, -89.93], 4.7 E COAL VLY [41.43, -90.38], 3.2 WNW OAK GROVE [41.43, -90.63]</b>   |                    |                   |                     |                           |
|   | 05/01/09 17:00 CST |                   | 0.17M               | Flood (due to Heavy Rain) |
|   | 05/04/09 17:00 CST |                   | 0                   | Source: River/Stream Gage |
| Heavy rains during the last week of April resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the first few days of May.  |                    |                   |                     |                           |
| The Rock River at Joslin surpassed its moderate flood stage level of 14 feet on May 1 around 6 pm. It crested around 14.5 feet around 12 am May 3. It fell back below its moderate flood stage level around 6 pm on May 4.  |                    |                   |                     |                           |
| The Rock River at Moline surpassed its moderate flood stage level of 13 feet on May 2 around 3 pm. It crested around 13.14 feet around 3 pm May 3. It fell back below its moderate flood stage level around 9 am on May 4.  |                    |                   |                     |                           |
| <b>WHITESIDE COUNTY --- 29.6 SW ALBANY [41.48, -90.63], 2.1 N LYNDON [41.75, -89.93], 2.1 NNW LEON CORNERS [41.63, -89.93], 21.5 SW SPRING HILL [41.43, -90.38], 32.1 SW ALBANY [41.43, -90.63]</b>   |                    |                   |                     |                           |
|   | 05/01/09 17:00 CST |                   | 0.17M               | Flood (due to Heavy Rain) |
|   | 05/04/09 17:00 CST |                   | 0                   | Source: River/Stream Gage |
| Heavy rains during the last week of April resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the first few days of May.  |                    |                   |                     |                           |
| The Rock River at Joslin surpassed its moderate flood stage level of 14 feet on May 1 around 6 pm. It crested around 14.5 feet around 12 am May 3. It fell back below its moderate flood stage level around 6 pm on May 4.  |                    |                   |                     |                           |
| The Rock River at Moline surpassed its moderate flood stage level of 13 feet on May 2 around 3 pm. It crested around 13.14 feet around 3 pm May 3. It fell back below its moderate flood stage level around 9 am on May 4.  |                    |                   |                     |                           |

## Storm Data and Unusual Weather Phenomena - May 2009

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

Heavy rains during the last week of April resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the first few days of May.

The Rock River at Joslin surpassed its moderate flood stage level of 14 feet on May 1 around 6 pm. It crested around 14.5 feet around 12 am May 3. It fell back below its moderate flood stage level around 6 pm on May 4.

The Rock River at Moline surpassed its moderate flood stage level of 13 feet on May 2 around 3 pm. It crested around 13.14 feet around 3 pm May 3. It fell back below its moderate flood stage level around 9 am on May 4.

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### WHITESIDE COUNTY --- 1.0 E DEER GROVE [41.62, -89.68]

|                    |   |                |
|--------------------|---|----------------|
| 05/06/09 14:10 CST | 0 | Hail (0.75 in) |
| 05/06/09 14:10 CST | 0 | Source: Public |

Hail mostly the size of a pea with some hailstones up to three-quarters of an inch in diameter fell about 1 mile north of Deer Grove, IL around 3:10 pm May 6.

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### ROCK ISLAND COUNTY --- 4.2 W ILLINOIS CITY [41.40, -90.98]

|                    |   |                              |
|--------------------|---|------------------------------|
| 05/08/09 18:48 CST | 0 | Thunderstorm Wind (EG 61 kt) |
| 05/08/09 18:48 CST | 0 | Source: Trained Spotter      |

Wind gusts estimated to be 65 to 70 mph were observed 4 miles west of Illinois City at 748 pm on May 8. Pea-sized hail was also observed.

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### WARREN COUNTY --- 2.1 N LITTLE YORK [41.05, -90.75], 2.1 NNE LITTLE YORK [41.05, -90.74]

|                    |   |                                      |
|--------------------|---|--------------------------------------|
| 05/08/09 19:14 CST | 0 | Tornado (EF0, L: 0.52 mi , W: 25 yd) |
| 05/08/09 19:15 CST | 0 | Source: Trained Spotter              |

A brief tornado was observed for about one minute about 3 miles north of Little York, Illinois around 815 pm on May 8th.

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### WARREN COUNTY --- 2.1 N LITTLE YORK [41.05, -90.75]

|                    |   |                         |
|--------------------|---|-------------------------|
| 05/08/09 19:23 CST | 0 | Hail (1.00 in)          |
| 05/08/09 19:23 CST | 0 | Source: Trained Spotter |

Quarter-sized hail fell about 3 miles north of Little York, Illinois around 823 pm on May 8.

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### WARREN COUNTY --- 0.9 NW MONMOUTH MUNI ARPT [40.96, -90.64]

|                    |    |                              |
|--------------------|----|------------------------------|
| 05/08/09 19:30 CST | 2K | Thunderstorm Wind (EG 56 kt) |
| 05/08/09 19:30 CST | 0  | Source: Trained Spotter      |

Wind gusts estimated to be 65 mph blew down a telephone pole along Highway 67 about 3 miles north of Monmouth around 830 pm on May 8.

A cold front moved across parts of eastern Iowa and northwest Illinois during the evening of May 8th sparking some showers and thunderstorms.

Some of the storms were severe, producing wind gusts over 58 mph, quarter-sized hail, and a tornado.

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### HANCOCK COUNTY --- 0.9 SW CARTHAGE [40.41, -91.14]

|                    |   |                      |
|--------------------|---|----------------------|
| 05/13/09 19:00 CST | 0 | Hail (0.88 in)       |
| 05/13/09 19:00 CST | 0 | Source: Storm Chaser |

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### HENDERSON COUNTY --- LOMAX [40.68, -91.07]

|                    |   |                         |
|--------------------|---|-------------------------|
| 05/13/09 19:48 CST | 0 | Hail (0.88 in)          |
| 05/13/09 19:48 CST | 0 | Source: Trained Spotter |

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### CARROLL COUNTY --- 1.4 N SAVANNA [42.10, -90.15], 3.5 N WACKER [42.10, -90.05], WACKER [42.05, -90.05], 1.5 W SAVANNA STRANSKY ARP [42.05, -90.15]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/13/09 19:55 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/13/09 22:00 CST | 0 | Source: Law Enforcement         |

Heavy rains resulted in flooding of a low lying railroad underpass near Savanna, IL during the evening of May 13.

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### CARROLL COUNTY --- 2.7 W MT CARROLL [42.10, -90.03], 2.0 W MT CARROLL [42.10, -90.02], 2.2 WSW MT CARROLL [42.09, -90.02], 2.8 NNE WACKER [42.09, -90.03]

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|----------|--------------------|-------------------|---------------------|---------------------------------|
|          | 05/13/09 19:56 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|          | 05/13/09 22:00 CST |                   | 0                   | Source: Amateur Radio           |

The intersection of Scenic Palisades Road and Quarry Road about 2 miles west of Mount Carroll, IL was flooded as a result of heavy rains.

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### STEPHENSON COUNTY --- 2.8 S SCIOTA MILLS [42.31, -89.67], 2.3 NNE FREEPORT [42.31, -89.60], 1.2 SE FREEPORT [42.27, -89.60], 2.6 WSW FREEPORT [42.27, -89.67]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/13/09 20:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/13/09 22:00 CST | 0 | Source: Trained Spotter         |

Heavy rains resulted in flash flooding of some intersections in Freeport, IL during the evening of May 13.

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### PUTNAM COUNTY --- 0.7 S GRANVILLE [41.26, -89.23]

|                    |   |                         |
|--------------------|---|-------------------------|
| 05/13/09 20:05 CST | 0 | Hail (0.75 in)          |
| 05/13/09 20:05 CST | 0 | Source: Trained Spotter |

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### CARROLL COUNTY --- 1.0 W MILLEDGEVILLE [41.97, -89.80], 2.0 E MILLEDGEVILLE [41.97, -89.74], 2.3 ESE MILLEDGEVILLE [41.95, -89.74], 1.5 SW MILLEDGEVILLE [41.95, -89.80]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/13/09 20:19 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/13/09 22:30 CST | 0 | Source: Emergency Manager       |

Heavy rains caused the flash flooding of a low lying railroad underpass in Milledgeville, IL during the evening of May 13.

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### CARROLL COUNTY --- 0.8 WNW LANARK [42.10, -89.84], 0.6 NE LANARK [42.10, -89.82], 0.6 SE LANARK [42.09, -89.82], 0.8 WSW LANARK [42.09, -89.84]

|                    |    |                                 |
|--------------------|----|---------------------------------|
| 05/13/09 21:30 CST | 5K | Flash Flood (due to Heavy Rain) |
| 05/13/09 23:30 CST | 0  | Source: COOP Observer           |

Heavy rains caused some flash flooding of some roads near Lanark, IL during the evening of May 13. Some roads on the south side of town eroded.

**A cold front in central Iowa sparked some heavy rain-producing showers and thunderstorms during the afternoon and evening hours of May 13th. Flash flooding resulted from the torrential downpours. In addition, a few of the stronger storms produced non-severe hail up to the size of a nickel.**

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### HANCOCK COUNTY --- 1.4 S DALLAS CITY [40.61, -91.17], 1.7 WNW DURHAM [40.61, -91.11], 2.6 SW DURHAM [40.57, -91.11], COLUSA [40.57, -91.17]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/15/09 04:57 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/15/09 07:00 CST | 0 | Source: Trained Spotter         |

Heavy rains of over 1.5 inches caused agricultural fields to flood just northeast of Colusa, IL during the morning of May 15. The flood-waters ran over a portion of Highway 9.

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### WARREN COUNTY --- 2.8 WSW MONMOUTH MUNI ARPT [40.94, -90.68], 1.4 NE MONMOUTH [40.94, -90.61], 2.2 NW NEMO [40.89, -90.61], 3.3 SW MONMOUTH [40.89, -90.68]

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/15/09 12:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/15/09 14:30 CST | 0 | Source: Trained Spotter         |

Heavy rains caused some streets in Monmouth, IL to flood during the afternoon of May 15. The flood waters were 10 to 18 inches deep in some places. Cedar creek flooded out of its banks.

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### MCDONOUGH COUNTY --- 3.8 NNW INDUSTRY [40.38, -90.63], 3.5 WSW PENNINGTON PT [40.38, -90.61], 0.5 W INDUSTRY [40.33, -90.61], 1.6 W INDUSTRY [40.33, -90.63]

|                    |   |                           |
|--------------------|---|---------------------------|
| 05/15/09 21:52 CST | 0 | Flood (due to Heavy Rain) |
| 05/15/09 23:52 CST | 0 | Source: Trained Spotter   |

Heavy rains caused the flooding of some agricultural fields just north of Industry, IL during the late evening hours of May 15. The runoff from the fields flooded a 200 foot section of Highway 67. The flood waters were 3 to 6 inches deep.

**Several rounds of heavy rain-producing showers and thunderstorms moved across parts of southeast Iowa and west central Illinois on May 15th resulting in some flooding and flash flooding. In addition, nickel-sized hail, damaging lightning, and damaging gradient winds were also observed across parts of southeast Iowa.**

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### HANCOCK COUNTY --- 1.5 NNW DURHAM [40.62, -91.09], 24.8 E LA HARPE [40.62, -90.50], 22.1 E PLYMOUTH [40.28, -90.50], 0.5 E DENVER [40.28, -91.09]

## Storm Data and Unusual Weather Phenomena - May 2009

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details    |
|----------|--------------------|-------------------|---------------------|---------------------------|
|          | 05/15/09 20:00 CST |                   | 0.25M               | Flood (due to Heavy Rain) |
|          | 05/19/09 05:00 CST |                   | 0                   | Source: River/Stream Gage |

Heavy rains from May 13th to May 15th resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet around 9 pm on May 15 and the major flood stage level of 24 feet around 1:30 am on May 17. It crested around 24.84 feet around 6 pm on May 17. It fell back below the major flood stage level around 10:30 am on May 18 and the moderate flood stage level around 6 am on May 19.

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**MCDONOUGH COUNTY --- 12.5 WNW BLANDINSVILLE [40.62, -91.09], 1.6 W PRAIRIE CITY ARPT [40.62, -90.50], 6.3 ESE INDUSTRY [40.28, -90.50], 11.1 WSW COLMAR [40.28, -91.09]**

|                    |       |                           |
|--------------------|-------|---------------------------|
| 05/15/09 20:00 CST | 0.25M | Flood (due to Heavy Rain) |
| 05/19/09 05:00 CST | 0     | Source: River/Stream Gage |

Heavy rains from May 13th to May 15th resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet around 9 pm on May 15 and the major flood stage level of 24 feet around 1:30 am on May 17. It crested around 24.84 feet around 6 pm on May 17. It fell back below the major flood stage level around 10:30 am on May 18 and the moderate flood stage level around 6 am on May 19. The East Fork of the La Moine River also flooded, resulting in several road closures due to the river flowing over roadways.

**Heavy rains from May 13th to May 15th resulted in the La Moine River near Colmar going above the moderate flood stage level of 22 feet around 9 pm on May 15 and the major flood stage level of 24 feet around 1:30 am on May 17. It crested around 24.84 feet around 6 pm on May 17. It fell back below the major flood stage level around 10:30 am on May 18 and the moderate flood stage level around 6 am on May 19.**

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### IOWA, East Central and Southeast

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**IOWA COUNTY --- 5.9 WNW KOSZTA [41.86, -92.30], 3.5 NE EAST AMANA [41.86, -91.83], 2.4 SE HOMESTEAD [41.75, -91.83], 1.4 N VICTOR [41.75, -92.30]**

|                    |       |                           |
|--------------------|-------|---------------------------|
| 05/01/09 00:00 CST | 0.50M | Flood (due to Heavy Rain) |
| 05/07/09 01:00 CST | 0     | Source: River/Stream Gage |

Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It finally fell below the moderate flood stage level around 2 am May 7.

**Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It finally fell below the moderate flood stage level around 2 am May 7.**

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**KEOKUK COUNTY --- 1.6 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK [41.20, -92.41]**

|                    |       |                           |
|--------------------|-------|---------------------------|
| 05/01/09 00:00 CST | 0.50M | Flood (due to Heavy Rain) |
| 05/01/09 17:00 CST | 0     | Source: River/Stream Gage |

Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It fell below the moderate flood stage level around 6 pm on May 1.

**Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It fell below the moderate flood stage level around 6 pm on May 1.**

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**CLINTON COUNTY --- 3.6 NNW TORONTO [41.95, -90.90], 4.1 E FOLLETTTS [41.75, -90.30], 0.5 E CAMANCHE [41.67, -90.34], 4.5 SW BIG ROCK [41.73, -90.90]**

|                    |       |                           |
|--------------------|-------|---------------------------|
| 05/02/09 17:00 CST | 0.13M | Flood (due to Heavy Rain) |
| 05/06/09 00:00 CST | 0     | Source: River/Stream Gage |

Heavy rains during the last week of April resulted in the Wapsipinicon River near De Witt going above the moderate flood stage level of 11.5 feet around 6 pm on May 2. It crested around 11.89 feet around 11 am on May 4. It fell back below its moderate flood stage level around 1 am May 6.

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**SCOTT COUNTY --- 15.1 NNW DIXON [41.95, -90.90], 5.3 ESE MC CAUSLAND [41.75, -90.30], 0.5 E PRINCETON [41.67, -90.34], 1.2 NW NEW LIBERTY [41.73, -90.90]**

|                    |       |                           |
|--------------------|-------|---------------------------|
| 05/02/09 17:00 CST | 0.13M | Flood (due to Heavy Rain) |
| 05/06/09 00:00 CST | 0     | Source: River/Stream Gage |

Heavy rains during the last week of April resulted in the Wapsipinicon River near De Witt going above the moderate flood stage level of 11.5 feet around 6 pm on May 2. It crested around 11.89 feet around 11 am on May 4. It fell back below its moderate flood stage level around 1 am May 6.

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|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

Heavy rains during the last week of April resulted in the Wapsipinicon River near De Witt going above the moderate flood stage level of 11.5 feet around 6 pm on May 2. It crested around 11.89 feet around 11 am on May 4. It fell back below its moderate flood stage level around 1 am May 6.

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### MUSCATINE COUNTY --- 1.7 ENE FRUITLAND [41.36, -91.10]

|                    |   |                         |
|--------------------|---|-------------------------|
| 05/06/09 14:39 CST | 0 | Hail (0.75 in)          |
| 05/06/09 14:39 CST | 0 | Source: Trained Spotter |

Hail three-quarters of an inch in diameter fell about 5 miles south southwest of Muscatine, IA around 3:39 pm May 6.

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### KEOKUK COUNTY --- 0.5 W SIGOURNEY [41.33, -92.21]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 05/08/09 17:35 CST | 50K | Thunderstorm Wind (EG 52 kt) |
| 05/08/09 17:35 CST | 0   | Source: Broadcast Media      |

Wind gusts estimated to be 60 mph blew a semi trailer over onto its side in Sigourney, IA around 635 pm on May 8. This report was relayed by the KCRG TV weather team.

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### WASHINGTON COUNTY --- 0.9 NE WASHINGTON ARPT [41.28, -91.67]

|                    |   |                              |
|--------------------|---|------------------------------|
| 05/08/09 18:15 CST | 0 | Thunderstorm Wind (EG 60 kt) |
| 05/08/09 18:15 CST | 0 | Source: AWOS                 |

A wind gust of 69 mph was measured by the AWOS at the Washington Municipal Airport at 715 pm on May 8.

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### MUSCATINE COUNTY --- MUSCATINE MUNI ARPT [41.37, -91.15]

|                    |   |                              |
|--------------------|---|------------------------------|
| 05/08/09 18:35 CST | 0 | Thunderstorm Wind (EG 50 kt) |
| 05/08/09 18:35 CST | 0 | Source: AWOS                 |

A wind gust of 58 mph was measured by the AWOS at the Muscatine Municipal Airport at 735 pm on May 8.

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### LOUISA COUNTY --- 2.1 N NEWPORT [41.11, -91.18]

|                    |   |                              |
|--------------------|---|------------------------------|
| 05/08/09 18:54 CST | 0 | Thunderstorm Wind (EG 52 kt) |
| 05/08/09 18:54 CST | 0 | Source: Trained Spotter      |

A wind gust estimated to be 60 mph was observed 2 miles north of Newport, IA at 754 pm on May 8.

A cold front moved across parts of eastern Iowa and northwest Illinois during the evening of May 8th sparking some showers and thunderstorms.  
Some of the storms were severe, producing wind gusts over 58 mph, quarter-sized hail, and a tornado.

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### LEE COUNTY --- 1.3 WNW KEOKUK [40.41, -91.40]

|                    |   |                         |
|--------------------|---|-------------------------|
| 05/15/09 10:34 CST | 0 | Hail (0.88 in)          |
| 05/15/09 10:34 CST | 0 | Source: Trained Spotter |

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### (IA-Z077) WASHINGTON

|                    |   |                       |
|--------------------|---|-----------------------|
| 05/15/09 10:40 CST | 0 | High Wind (MAX 52 kt) |
| 05/15/09 10:40 CST | 0 |                       |

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### DES MOINES COUNTY --- 0.3 NNW WEST BURLINGTON [40.82, -91.15], 0.3 N WEST BURLINGTON [40.82, -91.15]

|                    |       |                   |
|--------------------|-------|-------------------|
| 05/15/09 11:22 CST | 0.50K | Lightning         |
| 05/15/09 11:22 CST | 0     | Source: Newspaper |

Lightning struck a tree rupturing a gas line on the 400 block of Glasgow street in West Burlington around 12:22 pm May 15.

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### DES MOINES COUNTY --- 1.5 SSE DODGEVILLE [40.93, -91.17], 3.8 SSE KINGSTON [40.93, -91.00], 1.7 SW BURLINGTON [40.80, -91.10], 1.7 SW WEST BURLINGTON [40.80, -91.17]

|                    |   |                           |
|--------------------|---|---------------------------|
| 05/15/09 12:59 CST | 0 | Flood (due to Heavy Rain) |
| 05/15/09 16:00 CST | 0 | Source: Emergency Manager |

Heavy rains caused Flint Creek to flood some agricultural fields along Highway 99 and also flood out of its banks near Irish Ridge Road north of Burlington during the afternoon of May 15.

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| <b>LEE COUNTY --- 6.6 WNW HOUGHTON [40.81, -91.72], 2.3 N HOUGHTON [40.81, -91.60], 0.7 S HOUGHTON [40.77, -91.60], 5.3 WNW MT HAMILL [40.77, -91.72]</b> |                    |                   |                     |                                 |
|   | 05/15/09 13:06 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|   | 05/15/09 16:00 CST |                   | 0                   | Source: Department of Highways  |

Heavy rains and subsequent flooding forced the closure of Highway 16 just west of Houghton, IA during the afternoon of May 15. This report was relayed by the NWS in Des Moines.

|   |                    |  |     |                         |
|---|--------------------|--|-----|-------------------------|
| <b>HENRY COUNTY --- 0.9 NW NEW LONDON [40.93, -91.41]</b> |                    |  |     |                         |
|   | 05/15/09 15:55 CST |  | 75K | Lightning               |
|   | 05/15/09 15:55 CST |  | 0   | Source: Trained Spotter |

Lightning started a house fire in New London, IA around 455 pm on May 15.

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>VAN BUREN COUNTY --- 0.6 WSW LAKE SUGEMA CAMP GD [40.67, -92.01], 1.1 ESE LAKE SUGEMA CAMP GD [40.67, -91.98], 3.1 W MT STERLING [40.62, -91.98], 3.8 ESE CANTRIL [40.62, -92.01]</b> |                    |  |   |                           |
|  | 05/15/09 18:26 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 05/15/09 21:00 CST |  | 0 | Source: COOP Observer     |

Heavy rains caused the Fox River just east of Cantril, IA and south of Highway 2 to flood Jersey Avenue.

Several rounds of heavy rain-producing showers and thunderstorms moved across parts of southeast Iowa and west central Illinois on May 15th resulting in some flooding and flash flooding. In addition, nickel-sized hail, damaging lightning, and damaging gradient winds were also observed across parts of southeast Iowa.

|   |                    |  |       |                           |
|---|--------------------|--|-------|---------------------------|
| <b>DES MOINES COUNTY --- 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING GROVE [40.71, -91.11], 5.3 SSE SPRING GROVE [40.66, -91.11]</b> |                    |  |       |                           |
|   | 05/15/09 23:00 CST |  | 0.15M | Flood (due to Heavy Rain) |
|   | 05/17/09 09:00 CST |  | 0     | Source: River/Stream Gage |

Heavy rains from May 12th to May 16th resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 12 am on May 16. It crested around 17.5 feet around 9 am on May 16. It fell back below the moderate flood stage level around 11 am on May 17.

|  |                    |  |       |                           |
|--|--------------------|--|-------|---------------------------|
| <b>LEE COUNTY --- 5.5 ENE ST PAUL [40.81, -91.43], 5.6 N DENMARK [40.81, -91.35], 6.3 E WEVER [40.71, -91.11], 7.5 ESE WEVER [40.66, -91.11]</b> |                    |  |       |                           |
|  | 05/15/09 23:00 CST |  | 0.15M | Flood (due to Heavy Rain) |
|  | 05/17/09 09:00 CST |  | 0     | Source: River/Stream Gage |

Heavy rains from May 12th to May 16th resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 12 am on May 16. It crested around 17.5 feet around 9 am on May 16. It fell back below the moderate flood stage level around 11 am on May 17.

Heavy rains from May 12th to May 16th resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 12 am on May 16. It crested around 17.5 feet around 9 am on May 16. It fell back below the moderate flood stage level around 11 am on May 17.

|   |                    |  |   |                         |
|---|--------------------|--|---|-------------------------|
| <b>BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]</b> |                    |  |   |                         |
|   | 05/31/09 21:53 CST |  | 0 | Hail (1.00 in)          |
|   | 05/31/09 21:53 CST |  | 0 | Source: Broadcast Media |

Quarter-sized hail fell in Mount Auburn, IA around 1053 pm on May 31. This report was by a weather spotter for KCRG-TV.

An isolated area of thunderstorms developed just south of Waterloo, IA during the late evening of May 31. One thunderstorm produced quarter-sized hail in Mount Auburn, IA around 10:53 pm.

### MISSOURI, Northeast

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>SCOTLAND COUNTY --- 0.7 N BIBLE GROVE [40.36, -92.30]</b> |                    |  |   |                           |
|  | 05/13/09 17:30 CST |  | 0 | Hail (1.00 in)            |
|  | 05/13/09 17:30 CST |  | 0 | Source: Emergency Manager |

Hail the size of a quarter fell about 10 miles southwest of Memphis, MO around 630 pm on May 13. It lasted for 3 to 4 minutes. Time estimated.

## Storm Data and Unusual Weather Phenomena - May 2009

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

A cold front in central Iowa sparked some showers and thunderstorms during the afternoon and evening hours of May 13th. A few of the stronger storms surpassed severe thresholds producing large hail.

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**SCOTLAND COUNTY --- 2.2 SSW PROSPECT GROVE [40.50, -92.00]**

|                    |       |                   |
|--------------------|-------|-------------------|
| 05/15/09 03:00 CST | 0.10M | Lightning         |
| 05/15/09 03:00 CST | 0     | Source: Newspaper |

A lightning strike is being blamed for starting a fire at the Arbela 4-Corners tavern about 2.5 miles north northeast of Arbela, MO around 4 am May 15. Damage was reported to be extensive.

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**SCOTLAND COUNTY --- 0.7 N SPILLMAN MOUND [40.33, -92.18], 0.9 NW RUTLEDGE [40.33, -92.09], 1.2 SSW RUTLEDGE [40.30, -92.09], 1.1 S SPILLMAN MOUND [40.30, -92.18]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 05/15/09 11:49 CST | 0 | Flash Flood (due to Heavy Rain) |
| 05/15/09 13:49 CST | 0 | Source: Trained Spotter         |

Heavy rains of over 2 inches in a few hours caused Sand Hill Branch Creek to flood out of its banks during the early afternoon of May 15.

A lightning strike caused a fire during the early morning hours of May 15 as several rounds of showers and thunderstorms moved across northeast Missouri. Heavy rains of over 2 inches in a few hours caused Sand Hill Branch Creek to flood out of its banks during the early afternoon of May 15.